



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/936,682	09/17/2001	Mark L Acosta		8905

30903 7590 01/28/2004

SHOOK, HARDY & BACON L.L.P.
CHASE TOWER, SUITE 1600
600 TRAVIS STREET
HOUSTON, TX 77002-2911

EXAMINER

MCCARTNEY, LINZY T

ART UNIT	PAPER NUMBER
----------	--------------

2671

13

DATE MAILED: 01/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary	Application No.		Applicant(s)	
	09/936,682		ACOSTA ET AL.	
	Examiner		Art Unit	
	Linzy McCartney		2671	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Linzy McCartney. (3) Mark Zimmerman.
 (2) William Jensen. (4) _____.

Date of Interview: 22 January 2004.

Type: a) ☒ Telephonic b) ☐ Video Conference
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
 If Yes, brief description: _____.

Claim(s) discussed: 1, 12, 23, and 34.

Identification of prior art discussed: Cline, Yanof, Oil & Gas Journal, WO 00/14574.

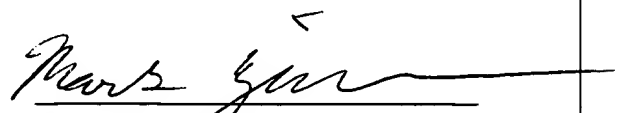
Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


 Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant questioned whether the Cline reference taught limiting imaging to datawords at only intersecting locations. The Examiner explained that he interpreted Cline to teach only imaging datawords at the intersection of plane with the 3D volume. Applicant questioned the motivation to combine the Oil & Gas Journal reference with the Cline and Yanof references. The Examiner explained in further detail the motivation cited in the Office Action. Applicant argued that the WO/0014574 failed to teach interpolating between said first spline curve and said second spline curve to define a three-dimensional surface representative of said physical phenomena. The Examiner explained his interpretation of the WO/0014574 reference and how it taught the aforementioned limitation. Applicant requested that the Examiner consider the IDS and the Examiner indicated to the Applicant that in his reply to the Applicant's response he would consider the IDS. Applicant also requested that some indication be made to ensure the correct set of claims would be issued if the case became allowable. The Examiner indicated that he would mark the erroneous set of claims with "DO NOT ENTER" to ensure the correct set of claims would be published, if the case became allowable..